

21 FEBRUARY 1997

VOLUME 34 • NUMBER 12

<http://www.ualberta.ca/~publicas/folio.htm>

Federal budget good for universities, say U of A spokespeople

Something in it for students and researchers

By Michael Robb



Federal finance minister Paul Martin

The Federal Government is creating a Canada Foundation for Innovation to provide financial support for the modernization of research infrastructure at Canadian postsecondary institutions and research hospitals in the areas of health, environment, science and engineering.

Bruneau, pointing out that the CAUT and the Association of Universities and Colleges have been pressing for this kind of infrastructure funding since last June.

"We must broaden our notion of infrastructure, [and] take it beyond its traditional meaning to include the components of future economic success—

The new foundation will be funded through an up-front investment of \$800 million, which will allow it to provide about \$180 million, on average, over five years. The new foundation is designed to kick-start private-sector investment in postsecondary education infrastructure. Contributions by the Foundation are expected to average 40 per cent of total eligible project costs, but in no case exceed 50 per cent.

"We expect universities will be able to raise the matching funds called for in this program," said Canadian Association of University Teachers president William

postsecondary education, knowledge and innovation," Finance Minister Paul Martin told the House of Commons earlier this week.

Students were pleased with Martin's budget. The federal budget contains some of the best news that students and the postsecondary education system have seen in years, said Students' Union Vice-President (External) Hopps Harrison, "It's encouraging to see that the Federal Government has identified postsecondary education as a priority for this country."

The budget raises the education credit from \$100 a month to \$150 and to \$200 per month for 1998 and subsequent years. The budget extends the tuition tax credit to mandatory fees set by postsecondary institutions to cover the costs of education. Those ancillary fees amount to about \$300 per month, says SU president Garret Poston. "The government is beginning to acknowledge the true costs associated with attending a university or college and has taken steps to help students and families deal with the cost burden."

Students will also be allowed to carry forward all unused portions of these credits to be applied against any future income, a measure designed to benefit

WHAT'S INSIDE

Welcome to the U of A 2
Orientation services for new students will be enhanced for next fall

Letters to the Editor 6
Memorial University's president comments on the AAS:UA president's views on the Maclean's university ranking

Books at the U of A 8
Our columnist Christopher Levan comments on the recent book *Shredding the Public Interest*

workers who are returning to school. And the budget also extends from 18 to 30 months the period of time during which students are allowed to defer making payments on student loans. "While not applicable to all graduates, this extension of the interest-free period will certainly benefit those students who cannot find work quickly, or who do not have sufficient income to repay their loans," said Harrison.

Other federal budget measures affecting postsecondary education include:

- Annual contribution limits to registered education savings plans will be doubled to \$4,000;
- The renewal of the Centres of Excellence program;
- The renewal of the Industrial Research Assistance program; and
- People winding up RESPs will now be allowed to transfer all or part of RESP income into registered retirement savings plans.

Continued on page 2

U of A microbiologist studying soil-cleaning bacteria in Antarctica

Julia Foght wants to study differences and similarities of Arctic and Antarctic bacteria

By Michael Robb

A University of Alberta microbiologist and a kiwi colleague from New Zealand are studying tiny, hydrocarbon-degrading bacteria found on the Antarctic continent to determine just how the little organisms work.

"I've brought some soils back from Antarctica, and I now want to compare the bacteria found in those soils with those I've collected from the Arctic," explains Julia Foght, who recently spent time on the massive southern continent conducting research collaboratively with Jackie Aislaby, of The University of Waikato, Hamilton, NZ.

Ultimately, the researchers hope to learn more about the bioremediation of soils contaminated with hydrocarbons, a problem much more massive in Canada's Arctic than on the southern continent. Leaky pipelines and storage facilities are the main culprits in Antarctica. The multi-year project, funded by the Foundation for Research, Science and Technology in New Zealand and Antarctica, will examine the contaminated soils in the Scott Base and Lake Vanda areas of Antarctica and determine whether naturally occurring hydrocarbon-degrading bacteria are present.



How deep can these bacteria be?

"We now know they exist there," explains Dr Foght, pointing out that these do in fact break down spilled hydrocarbons. It's likely, she points out, that the indigenous bacteria, which have evolved over time to survive in the harsh climate, will do the best job of breaking down the hydrocarbons. Bringing in other non-indig-

uous bacteria to bioremediate spill sites is out of the question, she says, pointing out that international treaties prohibit the importation of non-indigenous forms of life to the continent.

Many questions remain unanswered, however. For example. How deep can these bacteria be found in the soils? How

did they get there? How do they work? Dr Foght is particularly interested in whether they resemble those found in the Arctic. "Eventually, we want to look at these organisms at the molecular level, to determine similarities and differences and determine whether their genes for hydrocarbon degradation have evolved in the same ways."

The researchers' recent work was conducted in the relatively warm conditions of the Antarctic summer. The sun is shining 24 hours a day, as it does in the Arctic summer.

Dr Foght was struck by the concern for the environment people on the continent have. "On one occasion, we camped in the Dry Valleys area and the rocks we used for tent pegs had to be returned to their original site exactly as they had been sitting," Dr Foght says. And researchers can't even rinse their coffee cups in the river. Everything must be packed out.

The microbiologist also realized that Canada does not have much of a scientific presence on the southern continent, despite the obvious comparisons that can be made between the Arctic and Antarctica.

Welcome to the U of A becoming more welcoming

New orientation services for first year students beefed up to a two-day event

By Michael Robb

Orientation services for 1997 first-year students will be substantially enhanced. Organizers say the program should help the newcomers get the information they need and, as a result, lessen the stresses students experience during those formative first few months.

The University and the Students' Union have joined forces to beef up orientation services. All new students will be offered a two-day orientation, September 1 and 2. Registration will take place on the second day. Last year, only one day of orientation was offered to new undergraduate students.

Everyone—the students, SU and University—has a vested interest in improving orientation services, says SU Vice-President of Student Life, Vladimir Gomez. Students will be more aware of the services open to them earlier and will be able to tackle the pitfalls more effectively.

tively. Student retention rates will increase and students will be happier while on campus, he says, pointing out that in the longer term these students will be satisfied alumni.

"Students are overwhelmed and intimidated by the ins and outs of the place, and many get by not knowing what they need to know," explains Gomez. Many students remain inactive as well, but if they feel more comfortable sooner, they may want to get involved in extracurricular activities. Volunteerism may also increase.

The SU has hired an orientation coordinator, recent graduate LeVonn Holland, to coordinate the orientation program.

"The orientation will give all new undergraduate students a good first impression and make them feel welcome on campus immediately."

As well as registration, the two days will include: a welcome session in the

main gym; a general session on academic issues; a session on student life issues; tours; a dramatic session on student life issues; receptions; and, a welcome party. The approximate \$100,000 cost of the orientation will be shared by the University and the SU. About 250 volunteers will be required to carry out the program. The Orientation '97 program will be followed by the Week of Welcome celebrations.

According to Anne Marie Decore, Associate Vice-President (Academic), students who attended last year's orientation found it very useful. Attendance, however, was declining.

About 6,000 new students arrive on campus every year. Every year about 10 percent of all students from the previous year don't return to the University for the next year. A portion of those will eventually return. Among that 10 percent, 40 percent are first-year students. ■

And the winner is...

Chinook! Now the undisputed champion of the checkers world

By Michael Robb

They've all been vanquished. They've all gone home. After being beaten by the computer program Chinook, developed by a Computing Science team at the University of Alberta, the world's finest checker players have acknowledged the inevitable: they can't beat the computer program.

So what's a computer to do with no opposition left standing? Retire, that's what, says its developer Jonathan Schaeffer (Computing Science). Chinook is now the first computer world champion of any non-

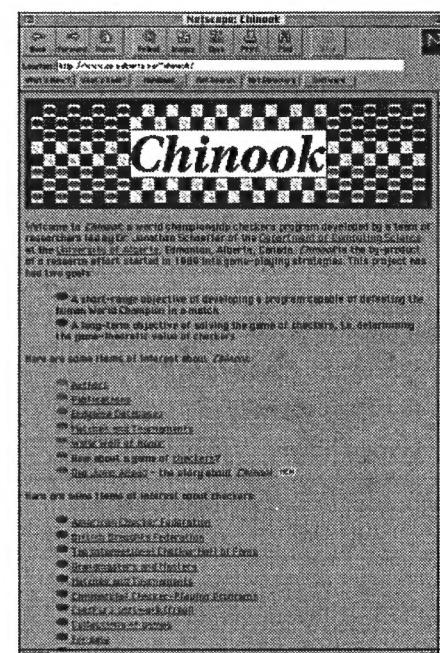
trivial game. Last year, the computer played two tournaments and won them both.

"The best players have all been beaten," says Dr Schaeffer. Barbados resident Ron King, the world's best player today, could not beat the computer, losing 10 games. In 1992, the computer program played the now deceased champion, Marion Tinsley, who had lost only three games in 40 years. The result: four wins to two for the human. Two years later, the man and machine met again: six games were drawn and Tinsley resigned the match.

The program's accomplishments are now being included in artificial intelligence textbooks. And Dr Schaeffer expects a book he has written entitled *One Step Ahead* will be released in the Spring. It's the story of the development of the program, written in non-technical language for the general public.

Chinook is really a by-product of a research effort which began in 1989 into game-playing strategies. The project had two goals: a short-term objective of developing a program capable of defeating the human world champion in a match, and a long-term objective of solving the game of checkers and determining the game-theoretic value of checkers.

"We learned a lot about the game," says Rob Lake, a Computing Science research systems analyst, who helped develop the program. "It [the game] suffers



Playing checkers on the Web

from terrible misconceptions; its simple rules are deceiving."

Adds Dr Schaeffer, "It's a difficult and challenging game."

Want to play the program? It can be found on the World Wide Web at: <http://www.cs.ualberta.ca/~chinook/>. ■

Federal budget good for universities

Continued from page 1

Another measure expected to encourage private sector donations to colleges and universities is the increase of the tax credit limit from 50 percent to 75 percent of the income of a taxpayer for taxation years beginning after 1996. Director of Development Guy Mallabone said, "Most major gift donors to the U of A do not give because of tax incentives. However, it [the tax incentive] is a contributing factor and can only help."

Mallabone also welcomed the Federal Government's creation of the new Foundation. This could "make the deal" for the proposed Health Science Education Research and Innovation Centre [a fundraising campaign priority], he said, pointing out that the University would be eligible for federal grants once it secured between 50 and 60 percent of the funding. "It's always a challenge to raise significant dollars for a new building. However, the need is well demonstrated and the desire

to get the project underway is well expressed. We are already seeking significant partners privately and with the provincial and federal governments."

Dr Bruneau said future plans will have to address the need for new funding for researchers themselves. "Research facilities without researchers cannot be part of the government's future plans. We also think that the government's plans for the future must provide assistance for the humanities and the fine arts in Canadian universities which is noticeably absent from this budget."

Overall, said AUCC president Robert Giroux, the budget signals a new era for Canada's universities. "Clearly, the Federal Government is acknowledging the critical role universities play in the knowledge economy."

Vice-President (Academic) Doug Owram said it's encouraging to see issues related to research finally come to the fore.



CURRENTS

MAKING WORDS, SELLING WORDS: A CONFERENCE ON WRITING AND PUBLISHING

This year's conference, 27 February to 1 March, takes a fresh look at publishing, promotion and new media for writers. Some of the city's finest writers will share what they know about how to make a living making words. Guest authors speaking at the conference include: Marilyn Waring, a global activist and economist, and Rosemary Sullivan, winner of the Governor General's Award for Non-Fiction for her latest book *Shadow Maker*. Call 492-3093 for a brochure or to register.

SULLIVAN TO GIVE READING

Rosemary Sullivan, recipient of the Governor General's Award for Non-Fiction for her book *Shadow Maker: The Life of Gwendolyn MacEwen*, will be giving a reading, 1 March, followed by a reception at 7 pm at the Timms Centre for the Arts. Tickets are \$5 available from the University Extension Bookstore. Proceeds of ticket sales go to Other Voices, Edmonton's literary magazine. Call 492-9273 for more information.

RRSP contribution limits

Revenue Canada would have provided your 1996 RRSP contribution limit on your 1995 Notice of Assessment or Reassessment from Revenue Canada which you received when you filed your return. Your limit was determined from information you provided on your 1995 tax return. However, if you had your 1995 return manually assessed (filed your return on the T1 short form), your Pension Adjustment (PA) amended, or a Past Service Pension Adjustment (PSPA) certified subsequent to your 1995 Notice of Assessment, you should have received a separate statement from Revenue Canada. If you are unable to locate your 1996 RRSP contribution limit, or if you want Revenue Canada to confirm it, you can contact the Tax Information Phone Service (TIPS) by calling 423-4993. This service can be used if you have a touch tone phone. If you do not have this type of phone, you can get the information by calling Revenue Canada's General Enquiries line. You will require your Social Insurance Number, date of birth and earned income reported on line 150 of your 1995 income tax return when you call.

Effective 1 January 1996, the overcontribution limit was established at \$2,000 per individual. This remains a lifetime overcontribution limit and should be used as a "cushion" by the taxpayer in the event that calculations result in a taxpayer exceeding his/her RRSP limits. Individuals with excess contributions above \$2,000 must first apply contribution room as it becomes available, against the excess contribution balance until it reduces to \$2,000.

If you require additional information regarding the Pension Adjustment (PA) or Past Service Pension Adjustment (PSPA) please contact the Human Resource Group at 492-4555. ■

FOLIO

Volume 34 Number 12

OFFICE OF PUBLIC AFFAIRS,
400 ATHABASCA HALL
UNIVERSITY OF ALBERTA, EDMONTON,
ALBERTA T6G 2E8
TEL: (403) 492-2325 FAX: 492-2997
E-mail: public.affairs@ualberta.ca

Tony Myers: Director, Office of Public Affairs

All enquiries and correspondence should be directed to:

MICHAEL ROBB: Acting Editor

CONTRIBUTORS:

Sandra Halme
Karin Holmgren
David Holehouse
Roseanne Tollenaar

Graphic Design: Lara Ninja

Public Affairs produces *Folio* on a regular basis for employees and volunteers at the University of Alberta.

Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Display and classified advertisements: 3 pm one week prior to publication date.

CLASSIFIED ADVERTISEMENTS:

Ads are charged at \$0.40 per word. Minimum charge: \$3.00. All advertisements must be paid for in full by cash or cheque at the time of their submission. Bookings may be made by fax or mail provided payment is received by mail prior to the deadline date. Pre-paid accounts can be set up for frequent advertisers. Please call 492-2325 for more information.

Display advertisements: Camera-ready artwork is required to size, complete with halftones if necessary. Call 465-3307 or 492-0444 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect University policy. *Folio* contents may be printed with acknowledgment.

ISSN 0015-5764 Copyright 1997



University
of
Alberta

New curriculum being developed for medical education

Updates skills for changing health care scene

By David Holehouse

Work is progressing on an entirely new curriculum set to be introduced in the fall of next year for medical students at the University of Alberta.

One of the key drivers behind the initiative is Anil Walji, who made it one of his priorities when he became Associate Dean, Undergraduate Medical Education, in the Faculty of Medicine and Oral Health Sciences two years ago.

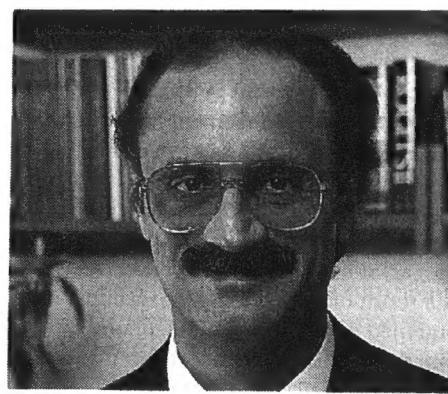
Students have voted Dr Walji best teacher in the MD program five years out of seven, and Jason Min, president of the Medical Students Association, said there couldn't be a better person to lead design of the new curriculum.

"He's in tune with the students, and with the way we learn," Min said. "The University of Alberta has always been one of the top schools for medical professionals, and this new curriculum can only help maintain that fact."

"We were very famous for our (teaching of) clinical skills," said Dr Walji. "But with changes on the health care scene and changing public perceptions of the service to be expected, we couldn't expect to remain among the top one or two schools in the country without making some changes."

The new curriculum will provide better integration of material, greater clinical relevance for the basic science, the earliest possible exposure to patients, and better preparation for information management and a future of lifelong learning.

"We can't teach students everything in four years," Dr Walji. "The amount of medical information is doubling every year or so, so we have to teach them how to continue the learning process. We also



Anil Walji

want to develop students who can integrate the spiritual, mental and physical well-being of a patient. It's not enough to see a person as simply a disease, or as a billing opportunity."

It's never been enough for Dr Walji, who has built his reputation on treating people, and the realm of human anatomy, with sincere respect. "I am just enthralled with the beauty of the human body—it inspires awe in me, and to be given the opportunity to describe nature's genius to students who are going to go out and help other people—that's what gives me the kick," he said.

The students get a kick out of Dr Walji too. "He makes learning easier for us," said Min. "Sometimes material can be difficult to learn, but the way he teaches makes it more interesting, and you certainly tend not to miss his lectures."

Dr Walji doesn't give lectures, he gives performances. He has honed his method by video-taping himself, and now presents classes that are choreographed, paced and planned with a determination

to give students the best opportunity to learn. When manufacturers of the best colored chalk went out of business, he started buying artist's pastels for his legendary chalkboard drawings.

"I think teaching is much more than conveying knowledge," Dr Walji said. "It is a projection of yourself to your students. It has a lot to do with role

modeling; you want your students to emulate a behavior that's becoming of this highly noble profession. You make yourself approachable, show you are a decent human being, convey it with a sense of authority and also humility. These are not stupid people. If they're not getting it, there's something wrong with you and what you are doing."

Webmaster building the U of A's presence on the web

Goal is to make information useful to students and staff

By David Holehouse

The University of Alberta is preparing to create a full-time Webmaster position to maintain and build the institution's presence on the Internet's World Wide Web.

In the meantime Rob Lake, a lead research systems analyst with the Department of Computing Science, has been seconded to the Office of Public Affairs for three-quarters of his time for a year to pave the way for the new position. He is working to tie up a number of loose ends, such as making further improvements to the top-level pages and helping additional departments include their information on the Web.

Lake's interest in building the best Web site possible goes right back to the earliest days of the medium. "About three years ago I noticed a number of universities had developed sites on the Web, and the University of Alberta was not among them," he said. "I felt we should be there, so that people around the world could see this University was up-to-date, on the ball and in the forefront of technology."

He registered the U of A's Web site in April of 1994 after creating a home page and links to several basic Faculty pages. He used his own weekend time to take photos of every building on campus for use on a "clickable" map contained in the pages. His name and e-mail address were included in the page, so before he knew it he was being inundated with queries from around the world as well as from teaching units on campus that wanted to be included.

Since March of 1995 the Web site has recorded half a million "hits," and Lake's

e-mail is still running at about 600 messages a month. University Web pages accessible via the main home page (www.ualberta.ca) now run into the thousands.

"We set up a task force last summer to look into some of the issues of growth in Web communications and the direction the University is taking," said Lake. "We had to tackle the growth in workload for whoever manages the site, and issues such as consistency in visual identity and accommodation of commercial advertising."

The task force issued a report last fall, with one of the recommendations being establishment of a dedicated Webmaster position.

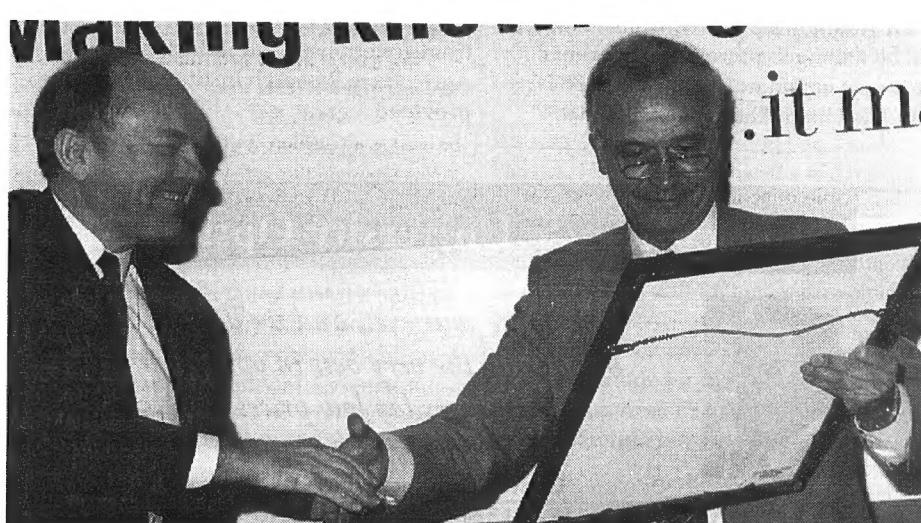
In Lake's experience the Web site has already made a tremendous contribution to the University, by disseminating information about its campus and courses around the world, and attracting top-quality students and staff. Its role in the future will be even greater, through an expansion of electronic registration opportunities, commercial transactions, distance education and publication of research.

It's all a far cry from the old days—not quite 20 years ago—when Lake sent electronic mail using a 300 baud modem connected to the telephone system, and when he could map all the sites of the network on one sheet of letter-size paper.

TELUS and U of A want to develop closer working relationship

Joint council will explore future partnerships

By Folio staff



President Rod Fraser (right) receives a gift from President and CEO of TELUS Corporation George Petty. Following the announcement of the agreement, Petty gave Fraser a print by U of A award winning print maker Shaun Caufield. Fraser presented Petty with five books on the history of telecommunications in Canada.

The University of Alberta and TELUS Corporation are anxious to develop a much closer working relationship, and last week the two institutions took a first step by signing a memorandum of understanding.

President Rod Fraser says the memorandum means the University and TELUS will "both benefit from this new partnership. We have similar visions, similar priorities and complementary strengths."

"It is not the signing of the memorandum of understanding that is important. It is the relationship," says George Petty, president and chief executive officer of TELUS Corporation.

An alliance council composed of three people from TELUS and three from the U of A will begin to establish concrete projects and initiatives.

U of A council member Ernie Ingles, Associate Vice-President (Learning Systems), says the council will begin immediately to explore:

- joint ventures in research and development;
- initiatives to enhance learning systems;
- collaborative opportunities in program development; and,
- initiatives mutually beneficial to both TELUS and the University in the area of training and development.

Students protecting students through Campus Security program

Eight students participate in officer program

By Karin Holmgren

If you've noticed more Campus Security officers in HUB Mall lately, relax. No bomb threats have been phoned in. The increase in officers stems from Campus Security Services' (CSS) Student Auxiliary Officer program. This year, eight students have been hired to expand CSS' presence on campus.

Before doing their first patrol, auxiliary officers receive intensive training in all aspects of law enforcement, from assailant control to self defence. Students then conduct security patrols of HUB Mall during the month. Auxiliary officers also assist CSS special constables on campus patrols.

According to student auxiliary coordinator Darcy Pennock, the program is a win-win situation for everyone involved. CSS can hire more students to expand campus patrols. Students interested in a career in the criminal justice system receive valuable work experience. "The program is wonderful for students to have on

their résumés, and it's highly regarded by Edmonton Police Services," he says.

Justin O'Mahoney, a student auxiliary officer hired this fall, agrees. "A lot of police agencies look at our training as a real asset. I think the program is great experience for anyone thinking of a career in law enforcement." O'Mahoney plans to pursue a career as a policeman. He stresses that Pennock and his staff have done an outstanding job training students and welcoming them to CSS.

Marieke Van Gurp, another student auxiliary officer, is just as enthusiastic. Van Gurp says she's enjoyed "every minute of the program," and is excited about learning more about what a career in law enforcement is all about.

Given the program's success, Pennock is looking forward to hiring more students in the coming years. "My ultimate goal is to double Campus Security's strength every fall," he says.

Corporate challenge organizers hopeful U of A participation will skyrocket

Meant to be a fun event

By Michael Robb

badminton • basketball • bowling • bicycle race • darts • golf • horseshoes • lawn bowling • mountain bike racing • orienteering • 10k challenge • eight ball (pool) • race walk • slowpitch • soccer • squash • table tennis • team triathlon • tug-o-war • volleyball

Or organizers of the 1997 Edmonton and Area Corporate Challenge Games are hopeful participation from the University of Alberta will grow.

"We'd like to field 20 teams and have over 200 participants," says on-campus organizer Scott Gasson. "We're looking for captains, volunteers to help run events [it's possible an event will be hosted on campus] and participants for the games, which will be held from 23 May to 7 June."

The co-ed games are meant to provide the Edmonton and area business community with a professionally run multi-sport event that encourages and promotes positive teamwork, health and fitness, while increasing moral and pride within each member's organization and the community." Last year, the games had 11,000-plus athletes from 121 companies and organizations.

Corporate Challenge isn't meant simply for elite or serious athletes. People of all shapes and sizes compete against companies of similar size.

The games are open to all University employees. Local organizers must submit events the University wants to participate in by 4 April. Employees must be over 18 and have worked for the company or organization for at least 90 days prior to 23 May. All events are coed.

The events include: badminton, basketball, bowling, bicycle race, darts, golf, horseshoes, lawn bowling, mountain bike racing, orienteering, 10k challenge, eight ball (pool), race walk, slowpitch, soccer, squash, table tennis, team triathlon, tug-o-war and volleyball.

For more information call Scott Gasson at 9667 or Doug Leong at 1629. ■

U of A on the road again to recruit outstanding students

Students wooed in cities of Red Deer and Calgary

By Sandra Halme

The University recently took its student recruitment message on the road again—this time to the cities of Red Deer and Calgary. Recruitment fairs were held in Red Deer, 6 February, and in Calgary, 5 February.

The main objective of the fairs is to attract the outstanding students and their parents from the visited area and encourage them to find out more about the U of A.

An initiative of the Senate, the recruitment fairs are day-long events and involve the offices of the Registrar, Alumni, Senate and Public Affairs. Throughout the day, President Rod Fraser, and in some cases Chancellor Lou Hyndman, along with a recruitment specialist from the Registrar's Office, visited with students from the two

cities' academic achievement high schools to discuss the U of A and answer specific questions.

Last year, President Fraser met the province's top high school student, Veena Sologar, at her high school in Red Deer. As a result of this face-to-face meeting, combined with a personal telephone call from the President informing her that she had been chosen a recipient of a \$25,000 President's Citation Scholarship, Sologar turned down offers from Harvard and McGill and chose to attend the U of A.

After a day of meeting with high academic achievers, the President then joined Faculty representatives and others from offices such as the Registrar, CAPS, student awards, Housing and Food Services who

each staff their own information booths at the recruitment fair. Alumni Affairs also hosted special alumni receptions where graduates were invited to bring prospective students and others who might be interested in learning more about the University. A special audio/visual presentation midway through the fair provided students and parents with a general overview of the University.

This year, the Registrar's Office will follow up with all students who received conditional admissions and with guidance counsellors asking for their feedback on the usefulness of the high school visits and recruitment fairs. As well, a close monitoring of where applicants come from will take place in order for the University to determine the effectiveness of its outreach initiative. ■

Consumers find bovine somatotrophin hard to swallow

Women especially averse to perceived risk

By David Holehouse

Nearly two years have passed since the Federal government was expected to make a decision on whether to license a milk-stimulating hormone for use in Canadian herds.

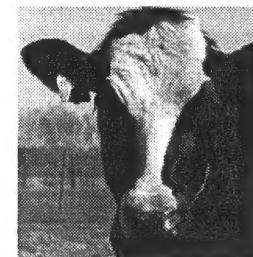
The decision still hasn't been made, but in the meantime a group of University of Alberta researchers is trying to determine just how consumers will react if BST (bovine somatotrophin) is approved. The substance is widely used in the US and some other countries, and there are suggestions some farmers here are already using the hormone. Pressure is mounting on both sides of the issue.

Vic Adamowicz, a professor in the Department of Rural Economy, said he and colleagues Peter Kuperis, Michele Veeman and Steve Hrudey conducted an empirical analysis of preferences for pesticide and hormone regulation by Alberta

consumers in 1995. National statistics suggest that 30 per cent of Canadians consider pesticides in food and food additives to be high health risks; responses to the Alberta survey suggest that 37.4 per cent consider pesticides to be a high health risk, while 29.5 per cent say the same about growth hormones. Fat and cholesterol are cited by 49.5 per cent. Consumers generally said they'd pay \$15 to \$30 more each week for groceries free of pesticides, additives and hormones.

Dr Adamowicz said the researchers followed up the 1995 survey with another focussed entirely on the growth hormone and BST issue. This time about 300 grocery shoppers (mostly women) were given a fact sheet citing opposing views about the safety of the hormone, and then asked if it should be licensed in Canada. Two thirds said no, although half had no prior knowledge of BST before reading the fact sheet.

Dr Adamowicz said consumers might well be willing to pay a few extra cents per litre to obtain milk from a non-BST-stimulated herd. The difficulty is that



there is no way of testing which milk is which once it leaves the farm. There would have to be separate production, processing and marketing channels for each kind of milk if consumers wanted the product labelled, and this would be costly.

"We have another year of study on this, and we want to be able to have a methodology that will be suitable for estimating the market impact of these new products," he said. "This is an industry that will be evolving rapidly. We'd also like to feed some of these results back into policy work that's going on."

The work is done in cooperation with the Eco-Research Chair in Environmental Risk Management, which has funding from government and industry. Alberta Agriculture Research Institute has also provided a grant. ■

CENTRE FOR CONSTITUTIONAL STUDIES

presents The Ninth McDonald Lecture
in Constitutional Studies

"Contributing to Democracy: Some Paradoxes of the 1990s"

by

Carole Pateman

Professor of Political Science
University of California at Los Angeles

**Wednesday, March 12, 1997
7:30 p.m.**

Room 231/237
Faculty of Law
University of Alberta
Edmonton, Alberta

Reception to follow in Faculty Lounge, 4th Floor, Law Centre.

Carole Pateman is Professor of Political Science at University of California at Los Angeles. She is author of *Participation and Democratic Theory* (Cambridge, 1970), *The Problem of Political Obligation*, 2nd ed. (Polity, 1985), *The Sexual Contract* (Stanford, 1988) and *The Disorder of Women: Democracy Feminism and Political Theory* (Stanford, 1990), a collection of her essays. She has co-edited *Feminist Challenges: Social and Political Theory* (Allen & Unwin, 1986) and *Feminist Interpretations and Political Theory* (Polity, 1991). For further information call 492-5681.

Paul Lorieau's University Optical



433-5500

"We value your eyes, and we'll prove it by offering the very best in optical care at everyday low prices."

Conveniently located in College Plaza
8217 - 112 Street, Edmonton, AB T6G 2C8

- Well-established academic independent school located in SW Edmonton.
- Fully accredited by the Department of Education.
- Offers small classes and a challenging program from grades 1 - 12.
- Curriculum includes English Grammar and Literature, French, Geography, History, Latin, Mathematics and Science. Teachers are certified by Alberta Education. Achievement tests, diploma examinations and advanced placement examinations written.
- Current enrolment of approximately 275 students.
- Accepting applications now for September 1997. Admittance by entrance examination and interview.

June 1996 diploma examinations: Tempo average 81%; Provincial average 63%
June 1996 achievement tests: Tempo average 79%; Provincial average 68%

For further information: Call 434-1190 or visit our Web Site: <http://www.compusmart.ab.ca/tempo>
TEMPO SCHOOL • ESTABLISHED 1963

Student welfare focus of new position

Medicine and Oral Health Sciences wants counselling and career planning to be top priorities

By David Holehouse

The Faculty of Medicine and Oral Health Sciences has created the position of Assistant Dean, Student Affairs, to ensure students receive the best help possible in completing their studies at the University of Alberta.

"The portfolio was previously handled by the an assistant dean who was also responsible for admissions," said Bruce Stevenson, who began his duties in the new position last month. "We have over the years recognized that we need to pay more attention to student well-being and eventually had to ask if both functions were too much for one person to handle."

Priorities will be enhanced attention to student well-being through such services as counselling and career assistance, and increased advocacy for students when administrative decisions are being made.

"Medical school is a stressful experience," said Dr Stevenson. "There's no

truth in stories about suicide, but it is competitive and the average debt on graduation is \$50,000. An even bigger stress is the restructuring of health care, and the fact students have to choose a particular area of practice in their third year that they're then locked into. There are positions out there for all graduating medical students—but it's a question of in what area are those jobs available."

Dr Stevenson's role is to be an organizer and advisor, and to be a ready listening post for all matters relating to student affairs. He's responsible for career counselling resources, a student affairs advisory committee, peer support and a student well-being committee. He's working with people who want to find better ways to integrate all students in the amalgamated fields of medicine, dentistry, dental hygiene and medical laboratory science.

When administrators discuss the availabil-

ity of computer terminals, he's there to provide feedback from the students' point of view. The same is true when grades and credentials are on the table.

Communication has never been a big problem for the researcher in the past, thanks to his talent for relating easily with most of the students he meets in the hallways. Now, however, communication also means wearing a pager and accepting calls at home at night from third-or fourth-year students who are out on rotation in a hospital somewhere in the city.

But he's enjoying the new work immensely. "This is exactly what I want to do," he said. "For me to be able to feel like I can make that connection with students and provide some assistance, if I can help train more compassionate physicians, this is where I belong." ■

One-stop shopping for U of A information

A comprehensive information source about the U of A is now on the World Wide Web. The Office of Public Affairs has developed an Orientation Guide that brings together a wide range of information about the University. It offers anyone all they want to know about the U of A and Edmonton, and will be especially useful in faculty and student recruitment.

The Guide is essentially a series of links to existing University and City of Edmonton documents on the WWW. It was developed by the Office of Public Affairs with input from the Office of the Vice-President (Academic) and assistance from Computing Science.

The Guide may be found on the U of A's home page under "Welcome." ■

SELECTION COMMITTEE FOR THE DIRECTOR OF THE SCHOOL OF NATIVE STUDIES

A Selection Committee for the Director of the School of Native Studies is being established.

The GFC Nominating Committee requires for this committee four (4) members elected by GFC from Categories A1.0, A2.0, at least 3 of whom must be from Categories A1.1 or A1.5. For definitions of staff categories and the full composition of the selection committee, see Section 103 of the GFC Policy Manual (<http://www.ualberta.ca/~unisec/policyman/sec103.htm>). In brief, Categories A1.0 and A2.0 include full-time or part-time, continuing (tenure-track and soft-tenure-track) academic staff and full-time or part-time temporary (term appointment) academic staff. Categories A1.1 and A1.5 include full-time, continuing, tenure-track and soft-tenure-track academic staff. If you have any questions regarding the categories of staff and/or eligibility to serve on this committee, contact Ms Val Pemberton-Pigott, Coordinator, GFC Nominating Committee, 2-5 University Hall (extension 1938; e-mail: val.pemberton@ualberta.ca).

Nominees must be both eligible and willing to serve. If you wish to submit a nomination, please forward a letter of nomination and brief biographical sketch to Ms Pemberton-Pigott at the above-noted address by Thursday, March 27, 1997. ■

BOOKS AT THE U OF A

Writing the book on customer service

Better service, cheaper texts the goal of new Bookstore director

By David Holehouse

The new director of University Bookstores is leading some interesting changes arising from his faith in people and his determination to bring down academic text prices.

It starts with the large banner at the entrance to the bookstore in the Students' Union Building, telling browsers they are welcome to carry their backpacks into the store. The banner almost covers a row of compartments where backpacks had to be left in previous times.

"It's an element of trust," said Julio Picheca, who became director last month after a stint as Alberta manager for the company operating Coles Bookstores and Smith's. "We often make rules for the two per cent who steal, but we're really just hurting the 98 per cent who are exemplary students."

Inside the store are three suggestion boxes that allow shoppers to grade the service, selection and staff. All responses are typed up and given to staff committees who must then recommend follow-up action.

One submission noted that it's hard to stand in line with an armful of books. The result: large baskets are now available at the door. Another comment: Oriental buyers prefer not to buy white envelopes because white is associated with death. The



Julio Picheca

result: shelves are now stocked with envelopes of varying colors.

"We would never had known about that if it wasn't for the suggestion box," said Picheca. He's also introduced a suggestion box for staff, and anyone who comes up with a good idea receives a day off, movie passes or some other reward. He credits the creativity of his staff for any improvements in customer service and satisfaction.

The latest customer evaluations show an overall grade for the bookstores of 75 per cent, up from 69 per cent three weeks earlier. It might have something to do

with the large number of innovations being introduced by Picheca and his 20 full-time staff. They include:

- Monthly special events;
- Contests and cash prizes;
- A bargain-book table;
- Author appearances and signings;
- A new fiction area;
- Health and fitness books;
- Sit-and-listen audio area; and,
- A reference library.

"We want to be regarded as the best college bookstore in the world," said Picheca. "It's a lofty goal, but we're on our way."

Perhaps most important is the ability to give cash-strapped students the best possible prices on their essential texts. The University Bookstores already charge the lowest margin of almost any academic bookstore in the country, but the new director thinks they can do better. He plans to increase revenues in a variety of ways so that he can bring down the cost of texts even further.

His plans include a mail-order service for alumni, increased sales of "general" bookstore items, increased cooperation from publishing houses and many other ideas. The bookstores only charge enough to cover costs as it is, but Picheca wants to reach the point at which texts can be sold for just the wholesale price paid to the publisher. ■

IN MEMORIAM

Father Russell A. Pendergast CSB PhD 1921-1997

Saint Joseph's College and
The Basilians Fathers invite Father Russ's friends and colleagues to a Memorial Mass

St. Joseph's College Chapel
University of Alberta

Wednesday, February 26 at 7:30 pm

Archbishop Joseph N. MacNeil JCD DD presiding



Janet Jenner-Fraser & Gordon W. R. King



The Experience Team
+
Leading-Edge Computer Support



Specialists in:

- Residential Real Estate
- Executive Relocations
- Short/Long Term Leases

Website: <http://www.compusmart.ab.ca/realestate/fraser-king.html>

Email: Janet: jennfra@compusmart.ab.ca

Gordon: kingsgo@compusmart.ab.ca

Fax: Bus. (403) 484-3690

Tel: Bus. (403) 483-7170

The Prudential

Spencer Real Estate

300, 14727 - 87 Ave. Edmonton AB T5R 4E5

The Department of Philosophy of the University of Alberta is pleased to announce the inaugural

ANNUAL HERMAN TENNESSEN ESSAY CONTEST

Because of a start-up bequest from Professor John King-Farlow, the Department of Philosophy has been able to institute an annual Essay Contest. The contest is open to all members of the public, and the participation of undergraduate students is especially welcome. Current and former staff and graduate students of the Department of Philosophy at the University of Alberta are, however, excluded from participation.

The contest is on a set question, and is judged by the Department of Philosophy, whose decision will be final. The topic for the 1997 contest is: **Rationality: Is it the high road to truth, or merely a socially approved form of behaviour?**

Papers should not exceed 3000 words (approximately 10 pages of double-spaced, 12 point type). They should be typed, and prepared for "blind reviewing" by not having the author's name appear on the paper. Instead, the paper should be accompanied by a separate sheet with the author's name, address and phone number (or email address), and a statement that the author meets the condition of eligibility. It should be submitted to the Departmental Secretary in 4-115 Humanities Centre. Submissions are due no later than 4:00pm, Wednesday, 12 March 1997.

The winner and runner-up will be announced on Friday, 28 March. The winner will receive a cheque for \$300.00 while the runner-up will receive a cheque for \$100.00.



LETTERS

MEMORIAL PRESIDENT SAYS AAS:UA PRESIDENT RAISING GOOD POINTS ABOUT MACLEAN'S RANKINGS

Dear Editor:

I was intrigued by the letter from Professor Reuben Kaufman in the *Folio* of December 13. His analysis of the *Maclean's* ranking issue is compelling, and his prescriptions are the right ones. In fact, they have already been tried.

Several years ago, the AUCC did manage to achieve some press with *Maclean's* in that the magazine agreed to make its methodology transparent and to publish basic information (as well as rankings). We tried to go beyond this to encourage universities to hold back their data until the magazine agreed to abandon the statistical nonsense which they call rankings. We couldn't get

enough universities to cooperate. Specifically, those universities that were high in the rankings wouldn't cooperate.

Some of us dropped out of the rankings exercise at that point and Memorial University was out for three years. We rejoined only when it became clear that the data would be published as we submitted them and if we weren't in, we would be the only English-speaking university in Canada that was not there.

Professor Kaufman suggests that AUCC collaborate with others to prepare an alternative guide. We did that too, in collaboration with *Saturday Night* magazine, but this did cost us something and,

Maclean's The Sixth Annual Ranking **UNIVERSITIES**



waste no time in taking advantage of the ranking in their promotion and recruitment. The database that *Maclean's* now publishes is informative, and if people take the trouble to look behind the rankings

many universities were reluctant to "pay twice," so it wasn't tried a second time.

In summary, notwithstanding the fact that the rankings are nonsense, those who are ranked highly

they can find a lot of useful information. We have to assume that people who are interested in using the database to select a university are capable of making intelligent judgments from the database, and of seeing the ranking for what it is, which is basically entertainment.

Or can we make such an assumption? Perhaps it is possible to fool all of the people all of the time. At least *Maclean's* seems to think so.

*AW May, O.C.
President and Vice-Chancellor
Memorial University*

Wabamum resident will be an advocate for postsecondary education for rest of her life

Hyndman Award recipient Karen Wichuk feels she must contribute to her community

By David Holehouse

The Lou Hyndman Edmonton Glenora Awards recognize academic excellence coupled with outstanding leadership qualities and potential.

Karen Wichuk, one of this year's two recipients, credits her upbringing with her zeal for making a contribution to the community. Her parents have a track record of instigating and improving community facilities in their home village of Wabamum, and some of this activism seems to have rubbed off.

"My motivation has always been contributing to my community," says Karen. "It's one of the values instilled by my parents from the beginning—they taught me you have to contribute."

Karen was in her fourth year of Arts studies (political science) when she was elected Vice-President (External) for the Students' Union. "When I won that election I thought I was going to lobby for students for a year," she said. "But I left the position knowing that I would be an advocate for post-secondary education for the rest of my life."



Karen Wichuk, left, with Chancellor Lou Hyndman

She's proud of being involved during her term with work to set up a national consortium designed to increase student association buying power and ultimately reduce prices. At the same time she helped found

the Canadian Alliance of Student Associations, designed to strengthen the student voice in national decision-making on issues such as loans and standards.

Karen went on to earn her MA in Political Science, and will finish law studies next year. In the meantime, however, she's working with a group of people across the country intent on creating the Canadian Centre for the Study of Canada, a forum

which will bring the voice of people in their 20s to national policy issues—and also bring students into contact with those who make those decisions.

She's not sure where her future path lies yet. "I would like to continue to be involved with the centre, and I'm also interested in the federal public service," she said. "But I also want to be involved with the University community—I would like people to understand and appreciate what having a major academic and research institution in your city and province really means." ■

The other Hyndman scholar:

GARETT POSTON

High School: Harry Ainlay Composite High School, Edmonton

Home Town: Edmonton, Alberta

Faculty: Arts

Activities: Students' Union President for the past two terms, created, organized and coordinates the University of Alberta Bear Nuts, and is a participant in a men's hockey league

Career Plans: Plans to pursue a career in international development banking

HEALTH PROMOTION GRADUATE PROGRAMS

The multidisciplinary Centre for Health Promotion Studies at the University of Alberta is pleased to announce the Postgraduate Diploma and Master's Science Degree Programs in Health Promotion are available for September 1997.

These programs, the first in Western Canada, respond to the changing demands of the health system for individuals trained to focus on health and wellness in community settings.

Students may be full or part-time and enrolment is limited. Small group teaching on campus and distance learning courses will be available with staff drawn from a variety of health-related fields.

To learn more about these innovative health promotion graduate programs, please contact:

Graduate Studies Office
Faculty of Physical Education and Recreation
Room E-167, Van Vliet Centre
University of Alberta
Edmonton, AB, T6G 2H9
Phone: 492-3198 Fax: 492-2364

Why can't I lose weight?

Physical Education professor wants to develop effective exercise regime to help women at risk of developing obesity-related diseases

By Michael Robb

Many overweight women reduce their caloric intake in an attempt to lose weight. They attempt to starve their bodies. Some women also combine their low calorie intake with exercise. But the body knows what's going on; it lowers its metabolic rate. And that makes it even more difficult to lose weight.

A University of Alberta Physical Education and Recreation professor is attempting to prove that a special exercise regime developed to combat the lower metabolic rates will help overweight women lose weight. Backed by a \$24,500 grant from the Canadian Fitness and Lifestyle Research Institute, Vicki Harber has been recruiting volunteers to participate in the study.

The women, at risk for obesity-related diseases such as hypertension, diabetes and coronary heart disease, are undergoing an extensive exercise program—one with a difference. Before Christmas, the women

lifted weights and exercised on stationary bikes. After Christmas, Dr Harber added another element in the regime, introducing high intensity speed work on stationary bikes, for periods of 30 to 90 seconds. The women were working closer to 90 percent of their aerobic capacity.

"The addition of high intensity work has shown in the literature to initiate greater fat loss than simply aerobic exercise," Dr Harber explains. "I want to see if it works in these women." The bottom line, she says, is that if a more effective way of reducing weight can be found for these women, the risks associated with obesity will be reduced.

Elite athletes have a lot in common with women at risk for obesity-related diseases. Elite athletes, for example, will often reduce the amount of food they eat in order to change their body look. Gymnasts often do this. Similarly, their bodies react by slowing

their metabolic rates. Often, however, they maintain or increase their exercise regimes at precisely the same time the body needs more energy. In younger, growing women, the production of estrogen is impaired and the body's ability to maintain bone is reduced. Menstruation may stop. Generally, at this point in a young woman's life, "you put as much [bone deposition] in the bank as you can," explains Dr Harber. Miss this chance, and the body will not be able to compensate in later life.

Obese women have different problems to cope with. And more broadly, points out Dr Harber, up to one-third of Canadians are at risk of having health problems associated with obesity. The health care system bears an enormous burden. It's no secret, she adds, that more physical activity for everyone would have an enormous impact on the amount of money we spend on the health care system. ■

Arts and engineering: two parts of one ambitious person

NWT student Rod Gonzales receives Peter Lougheed Scholarship

By David Holehouse

The Peter Lougheed Scholarship is for students who best combine academic excellence and leadership qualities, and recipient Rod Gonzales is a most noteworthy example of the ability to combine such diverse endeavors.

His life so far has been a combination of wrestling and figure skating, engineering and ballet, musical composition and work in a private-sector medical lab—just to name a few of his accomplishments.

Gonzales is in his fourth year of chemical engineering with an 8.2 GPA, and has already secured a job with Nova Chemicals in Calgary. During his time on campus he has shown his enthusiasm for leadership by being president of the Chemical Engineering Students Association, president of the Canadian Society of Chemical Engineers, Student Chapter, president of the American Institute for Chemical Engineers—Student Chapter,

president of the Northwest Territories Association for Professional Engineers, Geologists and Geophysicists—Student Chapter, a member of the Board of Directors, Engineering Students Society and this year was co-chair of the student portion of the Canadian Society of Chemical Engineers national conference.

"I feel the department has been very encouraging and supportive of me, in terms of helping me develop into an individual who would be marketable," Gonzales says. "These activities allowed me to give back to the University some of the things it helped me develop in myself."

Gonzales came to the University from high school in Hay River, and from parents who believed in education as well as in exposure to many different activities and experiences for their children. That's how he came to take his figure skating



Rod Gonzales, right, with Peter Lougheed

skills to the national level, as well as enjoy wrestling, basketball and a whole spectrum of other sports activities.

While on campus Gonzales has served as pianist and cantor at St John's Catholic Church, member of the board of directors for Ballet North, and pianist for the same ballet company.

"What they've found is that I can bring a new angle to the board of directors, having come from a technical type of background," Gonzales says. "I've also found that arts and technology come together in the ability to be creative, to be innovative, to synthesize new thought. I'm constantly having to create new musical pieces for the practice steps the company is learning, I have to be able to think on my feet. That helps in the engineering field, where I'm trouble shooting or process optimizing, where I'm on the spot and have to come up with a new way of doing things." ■

TRAVIS WARREN MANNING, 1921-1996

Travis Manning died on November 26, 1996, in Edmonton, at the age of 75. He was born in Jester, Oklahoma, where he spent his early years on his parents' farm helping with the farm and the raising of his younger brothers and sisters. After serving in the United States Army from 1941-45, Manning attended the University of Oklahoma, Texas A&M, and the University of Minnesota, where he earned a PhD in agricultural economics. He began his career with the Federal Reserve Bank of Kansas, followed by an academic position at South Dakota State University, where he achieved the rank of full professor.

In 1962, he accepted a position at the University of Alberta as head of the newly created Department of Agricultural Economics (now known as Rural Economy). He served as Department chair for 12 years during which time the department grew in size and stature. His research and work with graduate students and colleagues had a considerable impact on the province and beyond. Notable among his accomplishments was the influence of his research on Alberta hog marketing policy and water resources policy. He served as president of the Canadian Agricultural Economics Association and was later named a fellow of that Association.

Manning was highly respected as a leader, administrator, researcher, teacher and friend. He is survived by his wife Bobbie Jean, six children, 13 grandchildren and two great-grandchildren. He will be greatly missed. ■

The other Lougheed scholars:

HEATHER BREY

High school: Fort Saskatchewan High School
Home town: Fort Saskatchewan, Alberta
Faculty: Rehabilitation Medicine
Program: Physical Therapy
Involved in: Rehabilitation Medicine Students' Association; 4th Firefighter World Game; Canadian Physical Therapy Association; National Student Assembly; and the Rehabilitation Medicine Inter-University Conference
Career plans: to work as a physical therapist for our national teams.

IAN BRUNGS

High school: Harry Ainlay Composite High School
Home town: Edmonton, Alberta
Faculty: Law
Involved in: Student Legal Services; Law Faculty Council; Alberta Law Review; and part-owner of a legal research business
Career plans: Plans to complete a masters degree in law and to become a professor

STEPHEN CURRAN

High school: Harry Ainlay Composite High School
Home Town: Edmonton, Alberta
Faculty: Arts
Program: Political Science
Involved in: University of Alberta Debate Society; member of the University of Alberta Golden Bears Basketball Team; and the International Committee of the Red Cross
Career plans: Plans to continue his studies in the Faculty of Law and to eventually work in the international legal structure.

GUY DAVIS

High school: Lindsay Thurber Comprehensive High School
Home town: Red Deer, Alberta
Faculty: Science
Program: Microbiology
Involved in: General Faculties Council; Amnesty International; John Elliott's Lab in Microbiology and Infectious Diseases; and with the "Hard Core" Mountain Bike Club
Career plans: Plans to enter the Doctor of Medicine degree program.

AMBER DEAN

High school: ME LaZerte High School
Home town: Edmonton, Alberta
Faculty: Arts
Program: English
Involved in: University of Alberta Sexual Assault Centre; Peer Health Education Program; Alberta Student Services Conference; and with Jasper Place High School during their Health Relationships Awareness Days

Career plans: Plans to be an active and vocal agent of social change

JASON FRANK

High school: Wetaskiwin Composite High School
Home town: Wetaskiwin, Alberta
Faculty: Business
Program: International Business
Involved in: Volunteer Services; the Gold Key Society; Cold Lake and Penhold Air Cadets; and participated in an exchange program to Sophia University in Tokyo, Japan
Career plans: Plans to become a management consultant specializing in the field of leadership training.

TED KOURI

High school: Harry Ainlay Composite High School
Home town: Edmonton, Alberta
Faculty: Business
Program: International Business
Involved in: AIESEC Edmonton; Business Club Council; Education Committee Alberta Economics Development Authority; and is a member of the Edmonton Dragon Boat Team
Career plans: Hopes to be elected to the position of VP Marketing on AIESEC Canada's National Committee next year and to complete an MBA in International Management in the future.

GILBERT LUNG

High school: Old Scona Academic High School
Home town: Edmonton, Alberta
Faculty: Science
Program: Honors Biochemistry
Involved in: University of Alberta Science Undergraduate Society; Faculty of Science Cohort Mentor Program; Edmonton Space and Sciences Centre; and the Edmonton Fringe Festival
Career plans: Plans to continue his studies towards a Doctor of Medicine degree and hopes to specialize in pediatrics.

GARY QUEDADO

High school: Archbishop MacDonald High School
Home town: Edmonton, Alberta
Faculty: Business
Program: Finance
Involved in: General Faculties Council; Faculty of Business Student Council; Phi Gamma Delta; STARS and the Filipino Youth Association in Alberta
Career plans: Considering a career in investment or financial analysis

U of A and U of C Collaboration equals \$1.3 Million

The Alberta Heritage Foundation for Medical Research congratulates both universities on their successful collaboration resulting in a Special Opportunity Award from the Whitaker Foundation, based in the United States.

The Award will fund a unique and joint Biomedical Engineering graduate curriculum between the two universities for the next three years. Seven new faculty positions will be created for the program. The award is valued at \$1.3 million Can.

The Whitaker Foundation has only this year expanded its funding to include Canada. The vision, initiative and intense collaboration of key staff at both universities, notably Dr. Peter Allen and Dr. Gary Faulkner at the U of A, and Dr. Ron Zernicke and Dr. Nigel Shrive at the U of C, will benefit not only graduates of the new combined program but all Albertans because of the availability of specialized medical expertise.

The Whitaker Award demonstrates that cooperation between leading research universities results in substantial outside funding and international acknowledgment of excellence, and contributes to Alberta's ranking as one of the top ten research centres in North America.

The AHFMR, established in 1980 by the Government of Alberta, supports a balanced long term program of medical research based in Alberta. Since its inception, the Foundation has funded biomedical research to a current total of \$490 million. In 1996/97, both universities received a total of \$1.4 million for biomedical engineering and related areas from AHFMR.

ALBERTA HERITAGE
FOUNDATION FOR
MEDICAL RESEARCH



Thank God, goodness and Goddess for the university

by Christopher Levan

In a time before "enlightened" education, schoolyards were covered in asphalt. No one thought much about this fence-to-fence paving, since it kept the space cleanable and neat. When the winter storms blanketed everything in town, a few quick passes over the schoolyard with a grader, and presto, you had an enormous mountain range at one end.

What was expeditious to school authorities, was a boon to little children seeking adventure. At this February time of year, when the spring winds softened the primary ingredients, the gang of boys of which I was a part would construct stockpiles of snowballs. Behind our white battlements, we would crouch, bolstering each other's hearts, bragging about past or

future exploits, praying over our missiles, giving each white sphere a special charm and purpose with respect to the enemy only a few mountain peaks away. When you only have a 15 minute recess, you have to work quickly if you want to have a decent war!

Fortunately, our belligerence only amounted to the odd artillery exchange across no-boy's land. Usually, we were too fond of our amassed weaponry to waste it, and our venom was redirected into verbal abuse. We dragged the enemy through every gutter we could think of, cast aspersions upon their heritage, intellect and virtue. There was no epitaph too mean-spirited, no salutation too sullied for the opposite side. I wasn't very good at it, but

Chuck was a professional. He could string together a litany of withering adjectives that could set ice on fire.

Last week, my childhood game of name calling was brought into the public arena when the premier responded to the criticisms contained in the book by Kevin Taft, *Shredding the Public Interest*. This small text outlines how the Getty government, of which Mr. Klein was a part, was aware (from its own internal sources) that spending on health and social programs was flat-lined or declining. This was well before the present government proclaimed to the province that these expenditures were "out of control."

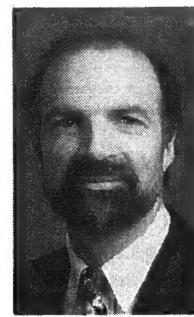
A second point of the book is that while spending for welfare, higher education, and hospital care have been under relentless attack by the present government subsidies for businesses continue to be many hundreds of percent higher than the national average.

Taft's writing begs a few simple questions. Wouldn't it be more honest to reveal the actual amounts spent on public services and those used to support private enterprise? Let the electorate have the facts and decide.

At the press conference announcing the publication of the text by the Parkland Institute and the University of Alberta Press, journalists attempted to bait the author into making accusations of a political nature—the kind of defamatory comment that fits the ten second sound bite. I was impressed that he stuck to his reiteration of the facts as he had interpreted

them from the government's own reports. Taft refused to grind an ideological axe and declined to use the conclusions from his work for personal attacks. I heard his plea as a call for integrity in public governance.

So, it was with dismay that I heard the premier of the province call Taft a communist and a disgruntled, unemployed civil servant. (We're back to my school yard antics.) If opposition to the ruling party—in this case through research—is subjected to this form of unsubstantiated ridicule, what is the nature and content of public discourse over politically important issues? Do we get out our snowballs?



Christopher Levan

the premier of the province call Taft a communist and a disgruntled, unemployed civil servant. (We're back to my school yard antics.) If opposition to the ruling party—in this case through research—is subjected to this form of unsubstantiated ridicule, what is the nature and content of public discourse over politically important issues? Do we get out our snowballs?

If there was ever an argument in favour of the university, it was eloquently, though inadvertently, demonstrated in this situation. This hallowed institution is a place where we must be prepared to back up our accusations with research and substance, where the opposite side is not vilified in the search for meaning. Sure, we're not saints, and human beings will always be political animals, but at least here we can hold each other accountable for the facts. Our research and lectures are not about winning but rather uncovering the truth.

Thank god, goodness, goddess we have moved beyond elementary school brawls to a little higher ground. ■

WHEN IT COMES TO GOVERNOR-GENERAL'S LITERARY AWARDS

We're #1



Ted Blodgett, Professor of Comparative Literature, 1996 Governor-General's Award for Poetry, Apostrophes: A Woman at a Piano

Rudy Wiebe, Professor Emeritus of English, 1994 Governor-General's Award for Fiction, A Discovery of Strangers

Greg Hollingshead, Professor of English, 1995 Governor-General's Award for Fiction, The Roaring Girl

University of Alberta professors have been awarded Governor-General's literary prizes in each of the last three years — a first for any Canadian university. Our students learn from the best — remarkable authors, remarkable teachers.

University of Alberta
...it makes sense.

Edmonton, Canada • <http://www.ualberta.ca>

Surf the web on your TV
Complete Systems \$ 799

BASIC SYSTEM

16 MB RAM, 1.6 GB Hard Drive,
14" NL28 SVGA Monitor, PCI
Video, CD-ROM, 16 Bit Sound
card, Keyboard, & mouse
P150 Cyrix \$ 1249
P120 \$ 1249
P166 CYRIX \$ 1299
P133 \$ 1299
P166 MMX \$ 1699

P150, Board & CPU

\$299

Microsoft Solution Provider

Pro 200Mhz System with SCSI HD, CDROM, 32MB RAM, network card & monitor \$2799

2MB PCI 3D Video Card 33.6 Data/Fax Modem

\$89 \$89

CENTAURI COMPUTERS

Open: Mon to Wed. 9-6. Thurs. 10-8, Fri. 9-8, Sat. 10-4
Delivering Tomorrow's Technology Today
10429 - 79 Ave West of Calgary Trail South T6E 1R7

PH# 435-5550
Fax# 439-0383

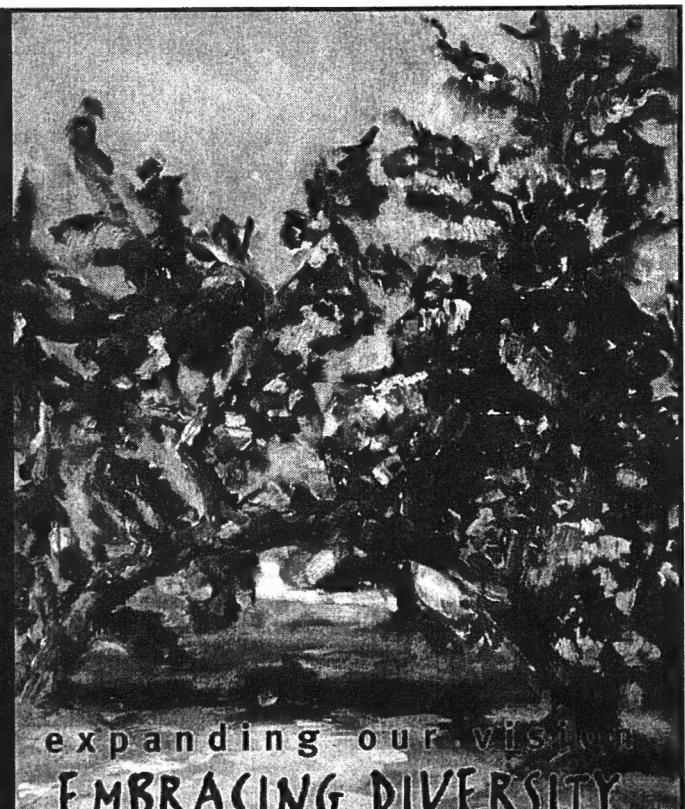
POWER SYSTEM

32 MB RAM, 2.0 GB Hard Drive, 17" NL28 SVGA Monitor, 2MB 3D PCI Video, 8XCD-ROM, 16 Bit Sound card Case, 33.6 Fax/Modem, Keyboard, & Mouse

P150 \$ 1999
P166CYRIX \$ 1949
P166 MMX \$ 2349
P 200MMX \$ 2699

Intel Pentium 133MHz Board & CPU \$329

Office of Human Rights 1996/97 Limited Edition
PRINTS FOR SALE



"Expanding Our Vision, Embracing Diversity"

Prints and t-shirts available for \$15.00 each at
Office of Human Rights, 252 Athabasca Hall, 492-7325

Computer Literacy for Faculty

The following basic computer courses are being offered to faculty to enhance their computer skills in anticipation of applying technology to teaching and learning. Unless stated otherwise, all will be lunch hour sessions in the Cameron Library computing lab (1-20G), starting at noon and finishing in approximately 50 minutes.

Due to limited seating, please register at least 24 hours before the session by calling Kenton Good at the ATL Production Studio at: 492-7500 Ext 221; Fax 8534; or email atlcourses@gpu.srv.ualberta.ca.

If you are unable to attend the course you had registered for, please contact Kenton so that others on the waiting list can benefit from the sessions. The sessions are being sponsored by Academic Technologies for Learning and Learning Support Systems, specifically the Library and Computing and Network Services.

To keep informed on course content and schedules please visit the academic area under the Training Web page at: <http://www.ualberta.ca/TRAINING/>

MARCH

• Mar 3 Microsoft Excel – Part 1 (CNS)

This session addresses spreadsheet concepts along with terminology, introduction to the Excel screen, cells, formulas, functions and if statements, entering and editing data, help and search facilities, and printing. Basic computer knowledge is required.

► Location: Cameron Library Computing Lab Room 1-20G

• Mar 5 Microsoft Excel – Part 2 (CNS)

This session builds on Part 1 by using addressing freezing titles, split screens, basic formatting, statistical functions, financial functions, basic graphs

► Location: Cameron Library Computing Lab Room 1-20G

• Mar 7 Windows 95

(Julie Walter - CNS)

This session will cover basic Windows 95 desktop elements such as the task bar, start menu, shortcuts, recycle bin and the My Computer icon. File management will also be demonstrated as well as tips and tricks to make navigating in Windows 95 a breeze.

► Location: CNS Classroom – GSB 315

• Mar 7 Creating and Editing Sound Files (Norm Friesen - ATL)

Norm Friesen, from the Academic Technologies for Learning (ATL) Production Studio, will offer a brown bag session on the sound file editor: "CoolEdit." CoolEdit is an excellent tool for recording, playing, and manipulating many sound file types.

► Location: The ATL Production Studio (2-111 Education North)

• Mar 10 Authorware Show and Tell (Jamie Higham - ATL)

Interested in the world's most popular authoring package? Join Jamie Higham in the ATL Production Studio for a demonstration of the power of Authorware 3.5. Jamie will also be demonstrating good courseware creation and some uncommon programming techniques. This session is geared towards novices with a working knowledge and current developers.

► Location: The ATL Production Studio (2-111 Education North)

• Mar 10 Going Electronic: Resources for Government Information (Kathy West - Library)

Both the Canadian and U.S. federal governments are moving quickly into "publishing" information electronically rather than in paper. This session updates you on many of the electronic resources now available for government information and outlines the access that the library provides to this material.

► Location: Cameron Library Computing Lab Room 1-20G

• Mar 12 Authorware Show and Tell Explained: Session I (Jamie Higham - ATL)

During this session, Jamie Higham from the ATL Production Studio will explain the programming techniques presented in the "Show & Tell" session. Attendance at the earlier presentation "Show & Tell" is recommended.

► Location: ATL Production Studio (2-111 Education North)

• Mar 12 Using Data: Statistics Canada Data Available Electronically (Chuck Humphrey - Library)

Statistics Canada collects a wide variety of numerical data. Much of it is now available through the University Library in electronic form via the CANSIM database, which can now be searched with a powerful new interface.

► Location: Cameron Library Computing Lab Room 1-20G

• Mar 14 Authorware Show & Tell Explained: Session II (Jamie Higham - ATL)

During this session, Jamie Higham from the ATL Production Studio will continue his explanation of the programming techniques presented in the "Show & Tell" session.

► Location: ATL Production Studio (2-111 Education North)

• Mar 14 Econlit and ABI Inform. (Kathy West - Library)

Econlit and ABI Inform are basic resources for research in economics and business. If you have not yet had a chance to explore these databases, come to this session for an explanatory demonstration and hands-on practice.

► Location: Cameron Library Computing Lab Room 1-20G

• Mar 17 Learner Characteristics and Instructional Design (Katy Campbell - ATL)

Such diverse characteristics as learning style, age, gender, experience, etc. have a large impact on the learning experience of our students. This session will look at the nature of these characteristics and offer some related, practical design suggestions.

► Location: The ATL Production Studio (2-111 Education North)

• Mar 17 Introduction to SPSS (Terry Taerum - CNS)

Overview of SPSS 7.5 for Windows 95. Focus will be on data entry, graphical presentations and statistical analysis of experimental data. New features of SPSS 7.5 will be demonstrated.

► Location: CNS Classroom - GSB 315

• Mar 19 PsycINFO and ERIC through OvidWeb (Josie Tong - Library)

Many faculty members have become efficient searchers of these essential resources in psychology and education. Come and see the newly mounted Web interface to these databases, which adds to the existing search features the ease of "point and click" travel through the search screens and easily interpreted graphics. This session will not be an introduction to the databases for the new searcher. Basic knowledge of Netscape will be assumed.

► Location: Cameron Library Computing Lab Room 1-20G

• Mar 21 User Interface Design (Katy Campbell - ATL)

How the learner will interact with your materials is pivotal to an effective design. Often these decisions are made early in the project. This session will overview the theory and practice of multimedia interface design and provide practical tools to use in your own project.

► Location: The ATL Production Studio (2-111 Education North)

• Mar 21 Current Contents. (Linda Slater - Library)

Current contents provides keyword and author access to articles in more than 12,000 journals across all disciplines. It is published weekly and often contains references to journals that have not yet arrived in the Library. The features of this service will be demonstrated from the new Web interface. Basic knowledge of Netscape will be assumed.

► Location: Cameron Library Computing Lab Room 1-20G

Want to support the Devonian Botanic Garden?

New program launched for commemorative giving

By Rosanne Tollenaar

The University of Alberta's Devonian Botanic Garden is launching a new program for commemorative giving in the Garden.

The program will allow visitors and supporters to dedicate various trees, shrubs and benches as a lasting tribute to a loved one or friend.

The donation will be identified by a plaque with a personal inscription and acknowledgements

will be sent to family and friends. All dedications will be perpetually maintained by horticultural and administrative staff.

The program offers people the opportunity to mark special occasions such as the birth of a child, an anniversary, graduation, marriage or personal achievements. A dedication could also be used to express sympathy or a lasting tribute in remembrance of a person's life.

Donations received through the new program will be used to enhance the Garden. ■

GRADUATE STUDENT AWARD

The Academic Women's Association invites applications from full- and part-time students for its first annual Graduate Student Award. This award, value \$500, will be made on the basis of academic achievement to a student enrolled at the University of Alberta in a graduate, diploma, master's, or doctoral program. Preference will be given to those whose research and scholarship contribute to the advancement of women: by increasing information about and improving understanding of women's status, women's achievements, or the problems which women face.

Further information and application forms are available from AWA c/o Bente Roed, 215 Central Academic Building, 492-2826. Applicants should submit to the same office, by noon on 1 May 1997, the application form, description of their research project (limit 400 words), official transcripts, and three letters of reference. ■



YWCA
of Edmonton

invites you to attend our
3rd Annual

POWER LUNCH

Wednesday, March 5, 1997

Westin Hotel

(Held in conjunction with International Women's Day)

keynote speaker

DR. MARTHA PIPER

"CHARLOTTE'S WEB"

11:30 am. - No Host Bar

12:00 Noon - Lunch & Program

Tickets: \$50

Dr. Piper's presentation will reflect upon the children's book, *Charlotte's Web*, and how the power of one individual, using his or her special talents and creativity, can contribute significantly to the well-being of others.

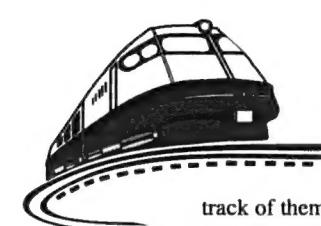
To order tickets, please call 423-9922, ext. 223 or 230. A tax receipt will be issued for a portion of the amount. Tables of ten may be reserved. Deadline for ordering tickets is Friday, February 28, 1997.

This fundraiser supports the YWCA's programs
for women and their families.

UNIVERSITY OF ALBERTA

9

FOLIO 21 FEBRUARY 1997



Are You On The Right Track With Your RRSPs?

Having many small RRSPs may not be the right strategy for your future. It can be difficult to keep track of them and they do not work in harmony to achieve your long-term goals. If you are a member of the Academic Staff Association you can consolidate your RRSPs in the Group No-Fee Self-Directed RRSP offered to you by ScotiaMcLeod. Here your assets will be professionally managed as a portfolio to achieve better performance while making it easier to take advantage of new investment opportunities.

Talk to us today and look forward to getting on the right track to your future retirement.

For your free copy of our brochure outlining the ScotiaMcLeod Group No-Fee Self-Directed RRSP call:
Sylvia Haak at 497-3227



ScotiaMcLeod
Building Relationships for Life

Member CIPF

TALKS

AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE

26 February, 1 pm

Diane Mather, Associate Professor and Associate Dean (Research and Graduate Studies), Faculty of Agricultural and Environmental Sciences, McGill University, Mc Donald Campus, Quebec, "Markers, Maps and Malt: QTL Analysis Research in Barley." 4-10C Agriculture-Forestry Centre.

BIOLOGICAL SCIENCES

28 February, 3:30 pm

Lynne Sigler, "Adiaspiromycosis—New Perspectives on a Common Fungus Found in the Lungs of Small Mammals." M-149 Biological Sciences Centre.

MOLECULAR BIOLOGY AND GENETICS RESEARCH GROUP

7 March, 3:30 pm

Ellen Shibuya, "Activation of MAP Kinase In vitro." G-116 Biological Sciences Centre.

10 March, 4 pm

Paul Lasko, Department of Biology, McGill University, "Translational Control and Germline Establishment in Drosophila Melanogaster." M-149 Biological Sciences Centre.

PHYSIOLOGY AND CELL BIOLOGY

25 February, 12:30 pm

Jim Johnson, "Calcium Signalling in Gonadotropin Release in Goldfish: Research Proposal and Preliminary Results." G-114 Biological Sciences Centre.

4 March, 12:30 pm

Kevin Friesen, "Hormonal Regulation of Vitellogenesis in Ticks." G-114 Biological Sciences Centre.

11 March, 12:30 pm

Sara Zalik, "Galectins in Chick Embryos." G-114 Biological Sciences Centre.

SYSTEMATICS AND EVOLUTION

27 February, 4 pm

Shelly Humphries, "Yuccas: Prehistory, History and Natural History." TB-W1 Tory Breezeway.

CANADIAN INSTITUTE OF UKRAINIAN STUDIES

24 February, 3:30 pm

John-Paul Himka, "Cyclical Time and Linear Time, the Ukrainian Past and Ukrainian History." 352 Athabasca Hall.

3 March, 3:30 pm

Terry Martin, University of Calgary, "How and When the 1932-33 Famine Went National." 352 Athabasca Hall.

12 March, 3:30 pm

Taras Kuzio, University of Birmingham, England, "Kravchuk and Kuchma: A Comparative Analysis of Their Policies and Methods." 352 Athabasca Hall.

13 March, 7:30 pm

The Thirty-Third Annual Shevchenko Lecture. Taras Kuzio, University of Birmingham, England, "In Search of a National Idea: The Next Stage of Nation-State Building in Ukraine." Sponsored by the Ukrainian Professional and Business Club and The Canadian Institute of Ukrainian Studies. TB-W1 Tory Breezeway.

CATHOLIC CAMPUS MINISTRY

2 March, 8 pm

Terry Fortin, Superintendent, Edmonton Catholic Schools, "Catholic Education." St Joseph's College.

9 March, 7:30 pm

Brother Donatus Vervoort, NDI, "Gregorian Chant—Don't Wait 'til Heaven, Sing it Now!" St Joseph's College.

CENTRE FOR CONSTITUTIONAL STUDIES

12 March, 7:30 pm

Carole Pateman, Professor of Political Science, University of California at Los Angeles, "Contributing to Democracy: Some Paradoxes of the 1990s." 231/237 Law Centre.

CENTRE FOR CRIMINOLOGICAL RESEARCH

24 February, 4 pm

Nettler Lecture. Carol LaPrairie, "The Inner City Research: Implications for the Criminal Justice System for Restorative Justice." TL-12 Tory Lecture Theatre.

CHEMICAL AND MATERIALS ENGINEERING

27 February, 3:30 pm

Alison Miller, "Catalytic Wet Air Oxidation of Ethylene Glycol." 342 Chemical-Mineral Engineering Building.

6 March, 3:30 pm

Anand Vishnubhotla, "Feedback and Feedforward Control Loop Performance Assessment." 342 Chemical-Mineral Engineering Building.

CHEMISTRY

3 March, 11 am

Barbara Imperiale, Division of Chemistry and Chemical Engineering, California Institute of Tech-

nology, "Protein Design: Understanding and Utilizing Nature's Blueprints." V1-07 Physics Wing.

DIMENSIONS IN MASCULINITIES SERIES

25 February, 4 pm

Evangeline Kane, "Men and the Underworld: A Jungian Perspective on Masculinity." 303 St Stephen's College.

EARTH AND ATMOSPHERIC SCIENCES

28 February, 3 pm

Terry Krauss and James Renick, Weather Modification Inc, "The Alberta Hail Suppression Project." 3-36 Tory Building.

7 March, 3 pm

Alwynne Beaudoin, Provincial Museum of Alberta, "The Palaeoenvironmental Context for Postglacial Human Occupation of the Canadian Prairies." 3-36 Tory Building.

ECONOMICS

7 March, 3 pm

Shelley Phipps, Dalhousie University, "The Within-Household Distribution of Subjective Well-Being." 8-22 Tory Building.

ECO-RESEARCH CHAIR IN ENVIRONMENTAL RISK MANAGEMENT

28 February, 3 pm

Caron Chess, Center for Environmental Communication, Rutgers University, "The National Academy of Sciences' Report on Risk Characterization: Integrating Technical Analysis with Participation." 2F1.04 (Classroom D), Mackenzie Health Sciences Centre.

FACULTÉ SAINT-JEAN

7 March, 8:45 am

"Journée du savoir," series of 32 conferences (in French), organized by ACFAS-Alberta. Info: 465-8739.

HISTORY AND CLASSICS

14 March, 3 pm

Martin Kitchen, FRSC, Department of History, Simon Fraser University, "The Writing of the Cambridge Illustrated History of Germany." 2-58 Tory Building.

HUMAN ECOLOGY

26 February, 8 pm

Special Empey Lecture. Marilyn Waring, professor, Department of Social Policy and Social Work, Massey University, Auckland, New Zealand, "Three Masquerades." Tickets available through TicketMaster or Orlando Books. Myer Horowitz Theatre.

6 March, 1 pm

Jean Walrond-Patterson, "Costumes in Carnival Festivals and Immigrants from the Caribbean." 131 Home Economics Building.

13 March, 1 pm

Pam Bailey, "Apparel Design: Creativity and Research." 131 Home Economics Building.

HUMAN ECOLOGY AND RURAL ECONOMY

24 February, 3 pm

Marilyn Waring, "The Masquerade of Work." 550 General Services Building.

INSTITUTE FOR PUBLIC ECONOMICS

26 February, 3 pm

M Percy, "The Softwood Lumber Agreement: Implications for Federalism." 8-22 Tory Building.

5 March, 3 pm

Mark Anielski, Alberta Treasury, "Is Alberta Running Out of Nature's Capital?" 8-22 Tory Building.

INTERNATIONAL CENTRE

6 March, 7 pm

Samuel Frimpong, on the occasion of Ghana's 40th independence anniversary, "Toward Industrial Security: Ghana in the 21st Century." 172 HUB International. Sponsored by the Ghana Students Association and the International Centre.

LIPID AND LIPOPROTEIN GROUP

25 February, 9 am

Wen-Qi Wang, "Human Apolipoprotein A-II Inhibits the Formations of Pre-β High Density Lipoproteins." 207 Heritage Medical Research Centre.

MODERN LANGUAGES AND COMPARATIVE STUDIES

28 February, 3 pm

Seminar series in Romance Languages, Literatures and Linguistics. Claudine Potvin, "La plainte de Paddon en Alberta: Le Cantique des Plaines de Nancy Huston." Senate Chamber, Arts Building.

NUTRITION AND METABOLISM RESEARCH GROUP

26 February, 1 pm

Clement Ip, Cancer Research Scientist, Roswell Park Cancer Institute, "Mammary Cancer Prevention by Conjugated Linoleic Acid." 1-13 Agriculture/Forestry Centre.

12 March, 1 pm

Eric Lien, Senior Director, Nutritional Research, Wyeth Nutritionals International, Philadelphia, "Development of Infant Formula: An Industrial Perspective." 1-13 Agriculture/Forestry Centre.

PHILOSOPHY, BIOLOGICAL SCIENCES, HISTORY AND CLASSICS

Francois Duchesneau, Dépt de Philosophie, Université de Montréal, will give the following lectures:

25 February, 4 pm

"Biology and the Scientific Revolution."

TL-B2 Tory Lecture Theatre.

26 February, 4 pm

"Descartes: Beast-Machine and Epigenesis."

L-2 Humanities Centre.

27 February, 4 pm

"Henry More on the Vital Principle."

L-2 Humanities Centre.

4 March, 4 pm

"The Microstructures of the Living, Preformation and Preeexistence." L-2 Humanities Centre.

5 March, 4 pm

"Inventing the Concept of 'Organism': Leibniz vs Stahl." L-2 Humanities Centre.

PHYSICS

28 February, 4 pm

Douglas P Hube, "The 'Great Comet' C/Hale-Bopp." P-126 Physics Building.

7 March, 2 pm

Sunney Xie, Pacific Northwest National Laboratory, Environmental Molecular Sciences Laboratory, "Imaging, Spectroscopy, and Dynamics of Single Molecules." V-129 Physics Building.

PHYSICS AND THE EDMONTON SPACE AND SCIENCE CENTRE

25 February, 7 pm

Robert Thacker, "Dark Matter: More than Meets the Eye."

4 March, 7 pm

Erena Friedrich and Peter Damiano, "Nights of Fire: The Tango of Sun and Earth."

11 March, 7 pm

Doug Hube, "Comets and the Origins of Planets and Life."

Presentations will be given at the Edmonton Space and Science Centre. Admission to the lectures is free although donations to the Food Bank are encouraged.

POLITICAL SCIENCE

26 February, 7:30 pm

James Tully, Department of Political Science, University of Victoria, "The Vision of the Report of the Royal Commission on Aboriginal Peoples." TB-W2 Tory Breezeway.

RENEWABLE RESOURCES

27 February, 12:30 pm

Masoud Parsinejad, "Modelling Water Flow in Unsaturated Soils." 2-36 Earth Sciences Building.

6 March, 12:30 pm

Peter K Robertson, "Site Investigation Techniques for Geoenvironmental Investigations." 2-36 Earth Sciences Building.

13 March, 12:30 pm

Owen Beattie, "Forensic Anthropology and the United Nations: The Rwanda Case Study." 2-36 Earth Sciences Building.

ST JOSEPH'S COLLEGE

28 February, 2:30 pm

Senator Jean B Forest, "Human Values—Political Realities." (Presentation, discussion and reception.) Faculty Lounge, St Joseph's College.

UNIVERSITY OF ALBERTA CHAPTER SOCIETY OF THE SIGMA XI

26 February, 7:30 pm

DJ Laurie Kennedy, Professor Emeritus, Civil and Environmental Engineering, "Steel Skeletons Among Us." Information: Nat Rutter or Annette Bell, 492-3085. 2-35 Corbett Hall.

UNIVERSITY TEACHING SERVICES

24 February, 3 pm

Jerry Kowalyk, "GIS in Cameron SciTech Using ArcView: Hardware, Software and Access to Data Issues." 1-20G Cameron PC MicroLab.

25 February, 3:30 pm

Reuben Kaufman, "Improving Teaching and Learning at the U of A: How Should We Direct Our Efforts?" TB-W2 Tory Breezeway.

27 February, 3:30 pm

Katy Campbell, "Why Multimedia Presentations?" 2-111 Education North.

3 March, 3 pm

Brian Nielsen, "Issues and Techniques for Marking Assignments and Papers." 229 CAB.



EVENTS

EXHIBITIONS

FAB GALLERY

18 February to 9 March

"Bianca Khan—One Somebody"—this exhibition is the final visual presentation in partial fulfillment for the degree of Master of Fine Arts in Sculpture. Gallery hours: Tuesday to Friday, 10 am to 5 pm; Sunday, 2 to 5 pm. 1-1 Fine Arts Building.

MUSIC

21 February, 8 pm

Music at Convocation Hall Series featuring pianist Marek Jablonski. Admission: \$10/adult, \$5/student and senior. Convocation Hall.

26 February, noon

Noon-Hour Organ Recital. Convocation Hall.

28 February, 8 pm

Master of Music Recital: Dorothy Speers, flute. Muttart Hall, Alberta College.

3 March, 12:10 pm

Music at Noon—Convocation Hall Student Recital Series. Convocation Hall.

3 March, 8 pm

The Grant MacEwan Community College and the University of Alberta Jazz Bands I and II—Raymond Baril and Tom Dust, directors. Admission: \$10/adult, \$5/student and senior. Convocation Hall.



ADVERTISEMENTS

ACCOMMODATIONS FOR RENT

OLIVER, spacious executive condominium with spectacular river view. One bedroom, dining/den, sunroom, heated parking, security. \$875. 454-2125.

CALL NOW!! To buy, sell, lease a condominium, \$32,900-\$695,000. Ask for Connie Kennedy, condo specialist/consultant, 25 years expertise. Re/Max, 488-4000, 1-800-275-8191.

TRY CONDO LIVING - Luxury condo, new, concrete, Canyon Ridge, corner Saskatchewan Drive and 103 Street, 1,474 square feet, two bedrooms, den, jacuzzi, airconditioned, gas fireplace, six appliances, underground parking, \$1,200/month. Vacant. Option to purchase available. Ask for Connie Kennedy, Re/Max, 488-4000, 1-800-275-8191, 7 days.

ASPEN GARDENS - Upgraded split level, fireplace, family room, office on third level, huge private yard, furnished. 1 March \$1,000/month. Western Relocation, 434-4629.

DUGGAN - bright, upgraded bungalow, new kitchen, three bedrooms on main, one bedroom in basement, 2 baths, double garage, 1 May 1997, \$1,000/month, Western Relocation, 434-4629.

VALLEYVIEW - exquisite, could be fully furnished, if required. Four bedroom, two storey, just half block from Valleyview Drive and river valley. Two fireplaces, double garage (heated), large yard, \$1,500/month includes lawn care and snow removal. Western Relocation, 434-4629.

BEAUTIFUL UNIVERSITY-AREA HOME - fully furnished, five bedrooms, five appliances,

south yard, large deck off kitchen. E-mail: aurora@planet.eon.net, (403) 433-5674.

IDEAL FOR VISITING SCHOLAR - Furnished room with ensuite bath. Main floor of faculty home. Nonsmoking. Breakfast and dinner included. David, 492-3433, 469-8877.

SALTSPRING ISLAND, BC, winter retreat, waterfront, three-bedroom home, fireplace, private beach, walking trails. 604-739-8590.

TWO BEDROOM, TWO BATHROOM, large apartment condo. Ensuite laundry, underground parking, air conditioning, pool. One block to University. \$890/month. Phone 430-6797, or 440-7688.

SABBATICAL HOME - Glenora. Fully furnished. August/September-June 1998. Nonsmokers, no pets. 454-6038, e-mail: ssharir@gpu.srv.ualberta.ca

FURNISHED THREE BEDROOM

TOWNHOUSE in Riverbend area for visiting professor. Available 17 June 1997 - 30 June 1998. Rent negotiable. Excellent condition and bus service to University, 436-3462.

THREE BEDROOM McKernan semi-bungalow. Short walk to University. Quiet, clean, sunny, and charming. Big yard. Washer/dryer. Available 1 April, \$750. 435-4473.

IDEAL FOR VISITING SCHOLAR for short term visits. Furnished main floor room in pleasant, non-smoker's home. Computer access, laundry, parking, large yard. Meals negotiable. Available 1 April. Dianne, 492-1501.

GLENORA: available until 30 June. Owner residence, three bedrooms, attached garage, hardwood floors, appliances, south yard. \$1,050 month. No pets. Florence Thompson, Prudential Spencer, 436-6833.

LUXURY CONDOMINIUM - facing the river, westend. Two bedrooms, 2 baths, jacuzzi, all appliances, \$1,500. Available 30 September. Western Relocation, 434-4629.

Meet with Success at the U of A Conference Centre

The Conference Centre offers

- extensively renovated main function rooms to service your needs
- 7 meeting rooms that can accommodate up to 500 people
- Satellite and Internet ready facilities
- breakfast, lunch or dinner meetings
- examination and seminar rooms
- state of the art audio visual equipment available

Whatever your meeting requirements, Lister's got it!

Call the Lister Hall Conference Centre first. You'll be impressed with how reasonable it can be to go first class right here on campus!

U of A Conference Centre

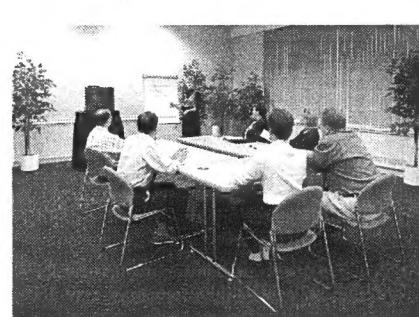
A division of Housing & Food Services

44 Lister Hall

Edmonton, Alberta, Canada T6G 2H6

Phone: (403) 492-4281 Fax: (403) 492-7032

E-mail: conference.services@ualberta.ca



University
of
Alberta



POSITIONS

Résumé
The University of Alberta is committed to the principle of equity in employment. As an employer, we welcome diversity in the workplace and encourage applications from all qualified women and men, including aboriginal peoples, persons with disabilities, and members of visible minorities.

STUDENT ADVISOR, UNDERGRADUATE EDUCATION FACULTY OF NURSING

The Faculty of Nursing has available a fulltime contract position of Student Advisor, Undergraduate Education. This position reports to both the Associate Dean, Undergraduate Education and to the Director, Undergraduate Program Services. This contract position will be for one year, with a good chance of annual renewal.

The primary responsibilities associated with this position include:

- Student academic advisement and counselling of students enrolled in the undergraduate program. This includes collaborative, Post RN, and RPN both on and off campus. Some travel to collaborative sites will be required;
- Participation in the development and implementation of a recruitment plan for undergraduate students;

- Review and granting of advanced credits to all undergraduate students; and,
- Serve as a member of the Admissions Committee and coordinate admissions of Post RN, RPN and off campus collaborative students to years three and four of the program.

Positions qualifications include: minimum of BScN Degree; 3-5 years experience in an educational or nursing practice setting. Previous student academic advisement/counselling experience/training will be an asset; and, exceptional human relations skills including good listening skills and effective writing skills. Computer literacy. Familiar with the postsecondary education system. A demonstrated commitment to educational excellence.

Salary: Commensurate with qualifications and experience. Application date: Interested applicants are invited to apply and submit a résumé by 7 March 1997 to:

Professor Patricia Hayes
Associate Dean, Undergraduate Education
Faculty of Nursing, University of Alberta
3rd Floor, Clinical Sciences Building
Edmonton, AB, T6G 2G3

include a lovely swimming pool, exceptionally well maintained building. Janet Jenner Fraser/Gordon King, Prudential Spencer Real Estate, 483-7170.

LOOKING FOR A CONDO where payments are almost the same as rent? View this two bedroom in Rosedale Place, steps to Grandin LRT, \$49,900. Janet Jenner Fraser/Gordon King, Prudential Spencer Real Estate, 483-7170.

GARNEAU - beautiful, two storey family home: three plus one bedroom, 2 baths, oak floors, fireplace, finished basement. Private fenced yard with deck, mature trees and landscaping on 1 lot, ideal for children and pets. Walk to University, hospital, downtown, Whyte Avenue. Sunny southern exposure, \$215,000. 432-7469.

THE BELGRAVIA: Adult condo complex, built 1991, impressive residence. Two bedrooms, gas fireplace, large balcony, oversized showers, garden doors, underfloor heating, appliances, extra storage, most desirable location, underground parking. \$139,900. Florence Thompson, Prudential Spencer, 483-7170.

WINDSOR PARK - two blocks from University. Exceptional home with 3,700 square feet living space. Well-treed lot, over 1/3 acre. Attached double garage. Possession 1 July. \$339,000. 433-4510.

ACCOMMODATIONS WANTED

HOUSESITTER: Mature, non-smoking grad, pets welcome, housesitting references, Letter of Agreement, Mark, 455-4351.

HOUSESITTER: responsible Sessional. Non-smoker. Excellent references. Available March 1997. Please contact: jsubap@grouper.batelnet.bs

FURNISHED HOUSE/APARTMENT wanted for Japanese family, April-December. Riverbend. Bill, 492-6703.

YOUNG PROFESSIONAL COUPLE seeks house/condo near U of A for rent or housesitting. 864-242-3667.

RETIRED COUPLE, non-smokers, no pets, willing to housesit, from 1 May to 31 August. References available. Telephone 455-0777, ask for Ron Dobbin.

PROPERTY IN McKernan (114-111 Street, 81-77 Avenue) wanted. Contact Erhan.Erkut@ualberta.ca, or 492-3068.

GOODS FOR SALE

CASH PAID for quality books. The Edmonton Book Store, 433-1781.

SERVICES

TECH VERBATIM - Desktop documents - editing, theses, CVs, medical terminology, on campus. Donna, 440-3714.

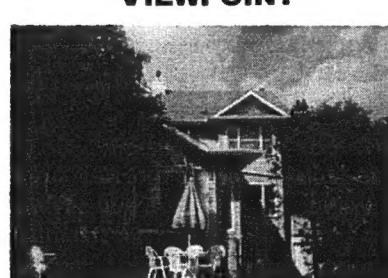
HOME CLEANING - Hardworking, bonded staff. Reasonable rates. Able Maids, 433-9697.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete interior/exterior residential, commercial renovations including plumbing/electrical. No job too big/small. References available. 436-6363.

DESKTOP PUBLISHING - Word processing, editing, layout, equations, on campus. Call Nola, 435-2427.

SPRINGHILL JUNIOR KINDERGARTEN/PLAYSCHOOL, 10925 - 87 Avenue, now accepting 2, 3, and 4 year olds (diapers OK). Fantastic program led by University-educated teacher. Onita, 425-9497.

7829 - 111 Avenue VIEWPOINT



\$219,000

This Viewpoint location is one of Edmonton's best kept secrets. Ravine view, river valley location. Over 2,000 sq. ft. Structural, cosmetic & mechanical upgrades. Custom Merit kitchen, jacuzzi en suite, large sunlit studio/office on 2nd floor. Five minute walk to LRT to University.

**TODD BRADLEY
456-5656**
ROYAL LEPAGE

There's only one reason why we're the best OUR PEOPLE

45 years

James Liddell
Physical Plant

40 years

Theodore Germaine
Surgical Medical Research

35 years

Baha Abu-Laban
Sociology

Eva Dimitrov
Biological Sciences

Brian Evans
History & Classics

James Faulder
*Chemical &
Material Engineering*

Irene Ferguson
*Physical Education
& Recreation*

Rudy Jakubec
Planning & Development

Karl Kopecky
Chemistry

Tommy Kropinski
Physical Plant

Brian McDonald
Vice President - Academic

John Orrell
English

June Panteluk
*Modern Languages &
Comparative Studies*

Charles Peacocke
Drama

Thomas Pocklington
Political Science

Geoffrey Sperber
Oral Health Sciences

William Vanden Born
*Agriculture Food &
Nutritional Studies*

30 years

Arthur Bailey
*Agriculture Food &
Nutritional Studies*

Patricia Bates
*Physical Education
& Recreation*

Roy Bennett
*Materials Management
- Administration*

Edward Blodgett
*Modern Languages &
Comparative Studies*

Don Bortnick
CNS

Adolf Buse
Economics

Ian Campbell
*Earth &
Atmospheric Sciences*

Douglas Craig
Biological Sciences

Peter Crockford
Faculty of Medicine

Hendrick De Groot
*Developmental
Disabilities Centre*

Mary Delane
Faculty of Arts

Milan Dimic
*Modern Languages &
Comparative Studies*

George Fij
*Electrical &
Computer Engineering*

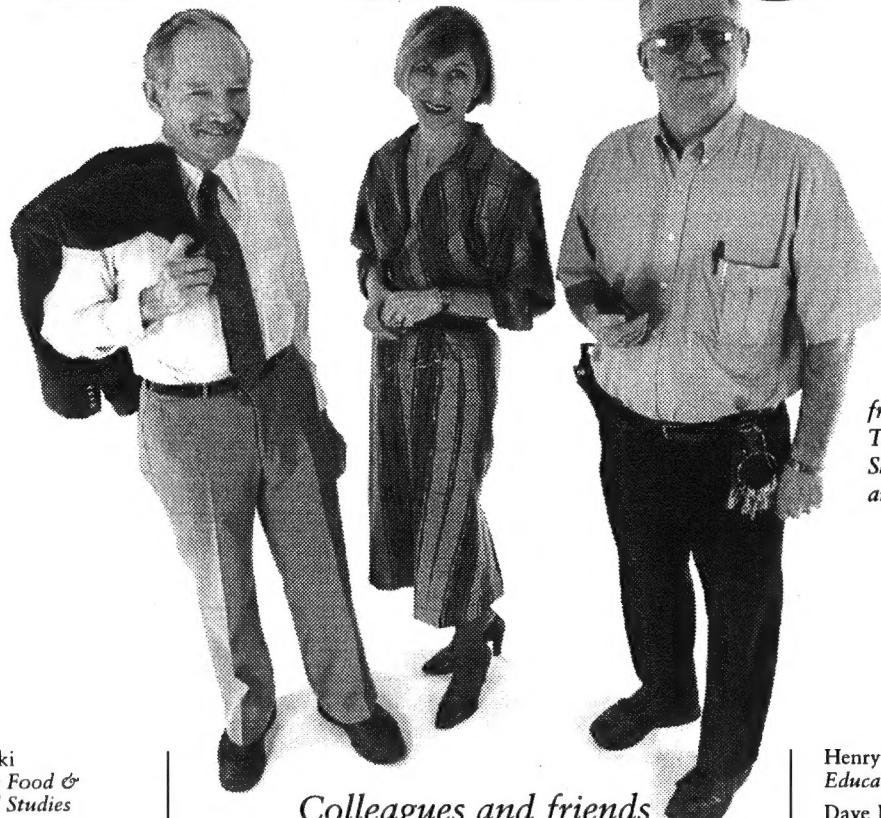
Howard Foerster
Health Science

Lab Animal Centre

Albert Forcadas
*Modern Languages &
Comparative Studies*

Ronald Gooding
Biological Sciences

Paul Goud
*Electrical &
Computer Engineering*



from left to right,
Ted Germaine,
Sharon Brintnell
and Les Mash

Chuji Hiruki
*Agriculture Food &
Nutritional Studies*

Kyril Holden
*Modern Languages &
Comparative Studies*

Colin Hoskins
*Marketing, Business,
Economics & Law*

Terence Kassian
*Pharmacy &
Pharmaceutical Science*

William Kazemir
CNS

Nancy Kerr
Human Ecology

Marlene Knight
Bioscience Animal Services

John Konwicki
Renewable Resources

Garry Ludwig
Mathematical Sciences

Jack Macki
Mathematical Sciences

Les Mash
Physical Plant

Wayne McVey
Sociology

William Meloff
Sociology

Rosemary Nielsen
*Modern Languages &
Comparative Studies/
History & Classics*

Terrance Nord
Mechanical Engineering

Bonnie Ohashi
Lab Medicine & Pathology

Mary Olson
Medical Micro Immunology

Loverne Plitt
*Civil & Environmental
Engineering*

Dan Pretzlafl
Physical Plant

Gary Prudeaux
Linguistics

Daiyo Sawada
Elementary Education

Rodney Schneck
Faculty of Business

Herb Seguin
*Electrical &
Computer Engineering*

Marlene Sherban
Libraries

Dorian Smith
*Earth &
Atmospheric Sciences*

Peter Smy
*Electrical &
Computer Engineering*

Erwin Steinke
Physical Plant

Olin Thurston
Surgery

Brian Turner
Agriculture Food &

*Colleagues and friends
congratulate and thank you
for the outstanding contributions
you've made to the life of the
University of Alberta.*

25 years

James Acheson
Technical Resource Group

Roberta Adams
CNS

Bruce Allison
Mathematical Sciences

Ken Andersen
Mathematical Sciences

Michael Asch
Anthropology

David Bai
Anthropology

Bruce Bain
Educational Psychology

Rosa Banovic
Physical Plant

James Beck Jr.
Renewable Resources

Wesley Berg
Music

Edward Blackburn
Faculte St. Jean

Kenneth Bowes
Surgery

George Braybrook
*Earth &
Atmospheric Sciences*

Sharon Brintnell
Occupational Therapy

John Brown
Organizational Analysis

BJ Busch
Libraries

Robert Busch
*Modern Languages &
Comparative Studies*

June Butt
*Vice President
- Administration*

Stanley Cabay
Computing Science

Peter Calder
Educational Psychology

Michael Carpenter
Biochemistry

Deirdre Cartledge
Vice President - Academic

Brian Caunt
Human Resource Group

Ferrel Christensen
Philosophy

Robert Christopherson
*Agriculture Food &
Nutritional Studies*

David Cruden
*Civil & Environmental
Engineering*

Terrance Daniel
*Finance &
Management Science*

Gurston Dacks
Political Science

Robert Engley
CNS

Mary Gal
Surgical Medical Research

Clarence Gerla
Bioscience Animal Services

Cliff Gibbs
Biochemistry

Jack Goldberg
Educational Psychology

John Gray
Physics

Wayne Hansen
Planning & Development

Timothy Hartnagel
Sociology

Clarke Hazlett
Public Health Sciences

Clifford Hickey
Anthropology

Gertrude Hutchinson
Biological Sciences

Kenneth Norrie
Economics

Sandra O'Brien Cousins
*Physical Education
& Recreation*

Lyndal Osborne
Art & Design

Holger Pausch
*Modern Languages &
Comparative Studies*

William Pearce
Ophthalmology

Francis Pelletier
Philosophy

Veneranda Perri
Physical Plant

Richard Peter
Dean of Science

Lawrence Pratt
Political Science

Lee Ramsdell
*Language
ResourceCenter*

Patricia Remple
Libraries

Donald Richards
Education Policy Studies

Alexander Robinson
*Electrical &
Computer Engineering*

David Routledge
*Electrical &
Computer Engineering*

Herbert Rupp
Technology in Education

Anthony Russell
Department of Medicine

Alan Rutkowsky
Libraries

William Samuel
Biological Sciences

Reginald Savard
Physical Plant

Rose Schribar
Libraries

David W. Sharp
Philosophy

Willy Stewart
Physics

Veronica Smyth
Libraries

Robert Steadward
*Physical Education
& Recreation*

Milka Stemberger
Physical Plant

Robert Stinson
Lab Medicine & Pathology

Josef Takats
Chemistry

Louise Taylor
Registrar's Office

Robert Thornberry
*Modern Languages &
Comparative Studies*

Jan Vaneldik
*Electrical &
Computer Engineering*

Rosa Wang
Libraries

Linda White
Vice President - Academic

James Whittle
Libraries

David Wilson
Mechanical Engineering

Lorraine Wilgosh
Educational Psychology

John Wilson
History & Classics

Marissa Wohllebe
Medical Micro Immunology

Hetty Wong
Comptroller

Ilona Zombor
Biochemistry

UNIVERSITY OF ALBERTA
...it makes sense.